



CITY OF LODI

PUBLIC WORKS DEPARTMENT

COUNCIL COMMUNICATION

TO: City Council

FROM: City Manager

MEETING DATE: August 2, 1989

AGENDA TITLE: Paving Stones in Downtown Area - Discussion and Appropriate Action

RECOMMENDED ACTION: None.

BACKGROUND INFORMATION: The Public Works Department has performed the final check of the downtown paving stones installed as part of the United Downtown Improvement District (UDID) project. The stones were installed in 1984 and the specifications included a requirement for a five-year warranty bond in the amount of \$42,000. The bond was provided by Reliance Insurance Company for the paving stone subcontractor, Mumbert Pipe Co. Inc., dba Specialty Paving System. The warranty, which will expire on August 10, 1989, states that: "...the installed paving stones will remain intact and free from settlement, breakage and uplifting". Neither the warranty nor the specifications included any specific limits on settlement.

APPROVED;

Thomas A. Peterson
THOMAS A. PETERSON, City Manager

FILE NO.

	<u>Location</u>	<u>Defect</u>	<u>Ride*</u>	<u>Recommendation/ Comments</u>
A.	Pine/Sacramento, west crosswalk	1/2" to 1"+ settlement	3/3	Remove, regrade and reset
O.	Pine/Sacramento, northeast corner	1/2" settlement at curb near signal	N/A	Grind curb
C.	Pine/Church, north crosswalk	1/2" settlement in wheel path	2/2	Small area
D.	Pine/Church inside fillet at 3 corners	1/2" settlement	N/A	Not in wheel path
E.	East side of School, alley north of Elm	Settlement is uniform but water valve riser is now above the stones	N/A	Reset valve riser
F.	Elm/School, east crosswalk	1/2" to 5/8" settlement	2/2	Remove, regrade and reset
G.	Elm/School, south crosswalk	Minor settlement less than 1/2"	2/3	OK
H.	East side of School, alley north of Pine	1/2"+ settlement at curb & back of alley approach	N/A	Not a hazard, low traffic
I.	Pine/School, west crosswalk	Two broken/chipped stones	N/A	Minor problem
J.	Pine/School, south crosswalk	5/8" to 1" wheel path settlement	3/2	Remove, regrade and reset
K.	Pine/School, northeast corner	1/2"+ settlement	N/A	OK, not in wheel path
L.	Pine/School, east crosswalk	Less than 1/2" wheel path settlement	2/3	OK - minor settlement
M.	Oak/School - east crosswalk	1/2"+ to 1" wheel path & general settlement	2/1	OK

*Left side/right side - The right side *is* the right side of the crosswalk from the point of view of a driver approaching the intersection. The left side would be seen by a driver approaching from the opposite direction.

	<u>Location</u>	<u>Defect</u>	<u>Ride*</u>	<u>Recommendation/ Comments</u>
M.	Oak/School - south & west crosswalks	1/2" to 1" wheel path and general settlement	3/2 (South) 2/2 (East)	Remove, regrade and reset
N.	Walnut/School, east crosswalk	1/2" to 5/8" settlements, broken stone	2/2	Remove, regrade and reset
N.	Walnut/School, west crosswalk	1/2" to 5/8" settlements, broken stone	3/1	Remove, regrade and reset
O.	Walnut/School, southeast corner	Raised/settled stones, some due to previous repair	N/A	OK
P.	East side of School, alley north of Lodi	3/4" to 1" settlement	N/A	Grind concrete
Q.	Lodi/School, northeast corner	Less than 1/2" settlement	N/A	OK
R.	Lodi/School, northwest corner	3/4" settlement at curb, 3/4" wheel path settlement	1/1	Remove, regrade and reset @ curb

Not all the defects listed require repair. There are many minor defects which may present an appearance problem, but are not a safety or maintenance problem. Given the nature of paving stones and the chance that repairs may not appreciably improve the existing condition, the recommended number of repairs is minimized. Some areas, such as the alley approach on the west side of School Street north of Elm, look very bad. However, the problem is due to the poor sidewalk, curb, and alley paving which was not replaced as part of the Downtown project due to cost considerations.

The attached demand letter has been sent in order to protect the City's interest under the terms of the warranty. It calls for repairs at 7 of the 27 crosswalks. This may require that the paving stones be completely removed, the subgrade regraded and the stones reset. Minor repairs are recommended at four locations.


Jack L. Ronsko
Public Works Director

JLR/RCP/mt
Attachments

cc: Street Superintendent
Claude C. Wood Company
Specialty Paving Systems
Lodi Downtown Business Association

CITY COUNCIL

FRED M REID Mayor
EVELYN M OLSON
Mayor Pro Tempore
DAVID M HINCHMAN
JAMES W. PINKERTON, Jr
JOHN R. (Randy) SNIDER

CITY OF LODI

CITY HALL, 221 WEST PINE STREET
CALL Box 3006
LODI, CALIFORNIA 95241-1910
(209) 334-5634

THOMAS A. PETERSON
City Manager

ALICE M. REIMCHE
City Clerk

RONALD M. STEIN
City Attorney

August 6, 1986

Claude C. Wood Co.
P.O. Box 599
Lodi, CA 95241

SUBJECT: UDID Project

An inspection ~~was~~ recently made of the Interlocking Paving Stones on this project by Harold Raverty and myself. After riding over ~~most~~ of the crosswalks and measuring the settlement of the stones, ~~we~~ determined that 1/2" of settlement was a reasonable "break point". ~~We~~ then string-lined all of the crosswalks and recorded those that ~~were~~ 1/2" (00.04') or ~~more~~, except for the westernmost crosswalk at Sacramento and Pine Street. A copy of our observations is included for your use.

Five areas should have your ~~immediate~~ attention; ~~two~~ low areas at the extreme end of the crosswalk at Lodi Avenue ~~are~~ a tripping hazard; the alley on the east side of School, north of Lodi Avenue, has a large settlement and tends to pond water; the paving stones in the sidewalk at the southeast corner of Walnut and School has a ~~small~~ failed area; and the retainer curbing in the westernmost crosswalk at Sacramento and Pine needs to be replaced because the original repairs have not held up.

Other low areas are ~~not~~ creating a hazard and you ~~may~~ want to leave them until near the end of the five-year warranty period, at which time these areas as well as any other low areas that develop could all be done at the same time.

~~We~~ would appreciate your proceeding with paving corrections as rapidly as possible, as discussed in our attached letter of September 13, 1985.

Sincerely .



G.E. Robison
Assistant City Engineer

Enclosures

cc: Harold Raverty
Glen Saltzer
Muller Supply Co.

GER/ma

CITY COUNCIL

JOHN R. (Randy) SNOER, Mayor
DAVID M. HINCHMAN
Mayor Pro Tempore
EVELYN M. OLSON
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THOMAS A. PETERSON
City Manager
ALICE M. REIMCHE
City Clerk
BOB McNATT
City Attorney

July 26, 1989

Specialty Paving Systems
415 S. Sacramento Street
Lodi, CA 95240

SUBJECT: Downtown Paving Stones - Maintenance Bond No. 8-32-08-46

This is to put all parties on notice that pursuant to Bond No. 8-32-08-46, and in accordance with the warranty provided as part of the United Downtown Assessment District Beautification project, the City makes a claim for repairs at the following locations (see attached map):

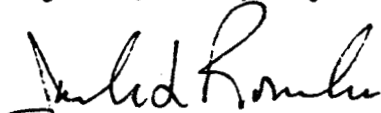
<u>Location</u>	<u>Defect</u>
Pine/Sacramento, west crosswalk	1/2" to 1"+ settlement
Pine/Sacramento, northeast corner	1/2" settlement at curb near signal
East side of School, alley north of Elm	Settlement is uniform but water valve riser is now above the stones
Elm/School, east crosswalk	1/2" to 5/8" settlement
Pine/School, south crosswalk	5/8" to 1" settlement
Oak/School, east crosswalk	1/2"+ to 1" general settlement.
Oak/School, south crosswalk	1/2" to 1" general settlement
Walnut/School, east crosswalk	1/2" to 5/8" settlements, broken stone
Walnut/School, west crosswalk	1/2" to 5/8" settlements, broken stone
East side of School, alley north of Lodi	3/4" to 1' settlement
Lodi/School, northwest corner	3/4" settlement at curb, 3/4" wheel path settlement

Specialty Paving Systems
July 26, 1989
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Please acknowledge this letter by August 10, 1989. We expect the work to be done as soon as possible.

A no-fee encroachment permit must be taken out prior to your doing the work. Under the terms of the permit, any work must be guaranteed for one year.

If you have any questions, please contact Richard Prima, Assistant City Engineer, or me, at your convenience.

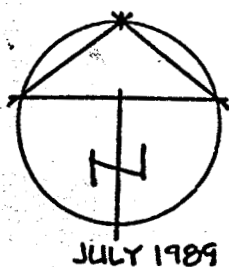
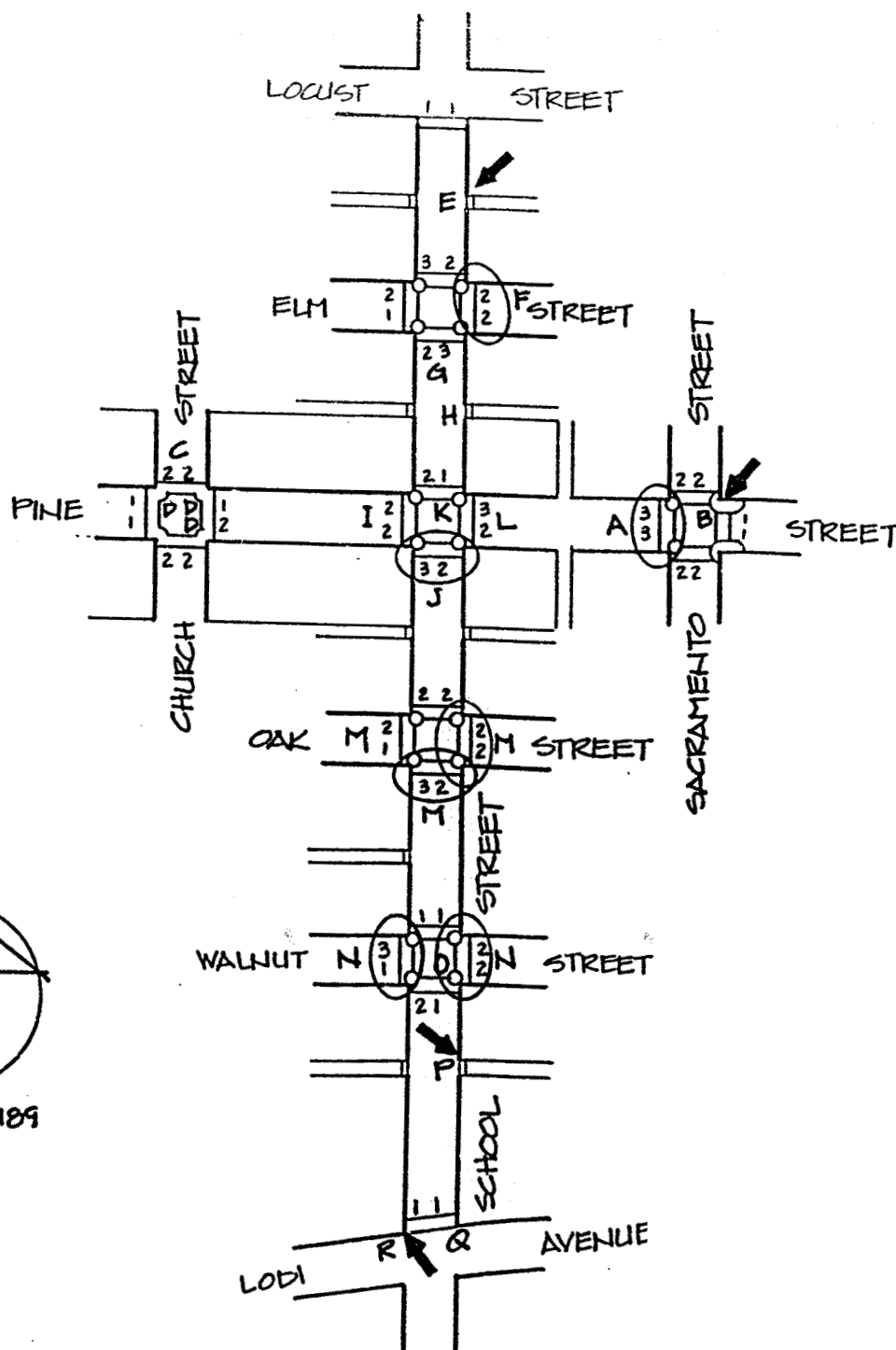


Jack L. Ronsko
Public Works Director

JLR/RCP/mt

Enclosure

cc: Reliance Surety Company
City Attorney



LEGEND

- RIDE:
 - 1-OK
 - 2-FAIR
 - 3-POOR

- RECOMMENDED REPAIR LOCATIONS:
 - ← - SPOT REPAIR
 - - REMOVE, REGRADE & RESET PAVING STONES IN FLITIDE CONCERN V